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INDEX TO AMERICAN BOTANICAL LITERATURE

(1906)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in its broadest sense.

Reviews, and papers which relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions their kindness will be appreciated.

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Ames, O. Notes on orchids from Florida. *Proc. Biol. Soc. Wash.*

19: 1, 2. 29 Ja 1906.

Anderson, J. P. Additions to the flora of Decatur County, Iowa.

Iowa Nat. 2: 7, 8. 31 My 1906.

Anderson, J. P. The flora of Lake Wabonsie. *Iowa Nat.* 2: 9, 10.

31 My 1906.

Bailey, W. W. A newly introduced plant in Rhode Island. *Torrey*

6: 189, 190. 27 S 1906.

Grindelia squarrosa.

Beauverd, G. *Plantae Damazianae brasilienses, déterminées par différents botanistes.* IV. *Bull. Herb. Boissier* II. 6: 585-596. *f.* 3, 4.

30 Je 1906.

Includes new species in *Hippeastrum* and *Alstroemeria*.

Bergen, J. Y. & Davis, B. M. *Principles of botany.* i-x. 1-555.

pl. 1-13 + *f.* 1-394 + *f.* 1-8. Boston, 1906.

Bernard, C. Sur la distribution géographique des Ulmacées. *Bull.*

Herb. Boissier II. 6: 23-38. 4 Ja 1906.

Blakeslee, A. F. Differentiation of sex in thallus gametophyte and sporophyte. *Bot. Gaz.* 42: 161-178. *pl.* 6 + *f.* 1-3. 2 O 1906.

Bruckman, L. Fasciations in *Arisaema*, *Rudbeckia* and *Viola*. *Torrey* 6: 193-195. 27 S 1906. [Illust.]

- Butters, F. K.** The conifers of Vancouver Island. *Postelsia* 1906: 133-212. *pl.* 12-15. 1906.
- Cardot, J.** Notice préliminaire sur les Mousses recueillies par l'Expédition antarctique suédoise. II. III. *Bull. Herb. Boissier* II. 6: 1-17. 4 Ja 1906.
Includes descriptions of 24 new species in 14 genera.
- Chaves, D.** Parrafitos de geologia Nicaraguense y botanica Centroamericana. 1-30. Managua, Nicaragua, 1906.
- Chodat, R.** Observations sur le macroplancton des étangs du Paraguay. *Bull. Herb. Boissier* II. 6: 143-147. *f.* 6-10. 31 Ja 1906.
- Chodat, R. & Hassler, E.** Novitates paraguarienses. *Bull. Herb. Boissier* II. 6: 138-145. *f.* 1-5. 4 Ja 1906.
Euglypha Rojasiana gen. et sp. nov., and *Chodanthus* gen. nov.
- Christ, H.** Filices Brasiliae australis l. Leonidas Damazio. *Bull. Herb. Boissier* II. 6: 294. 31 Mr 1906.
Elaphoglossum Damazii sp. nov.
- Christ, H.** Filices guatemalenses, ab H. von Türckheim 1904 lectae. *Bull. Herb. Boissier* II. 6: 289-293. 31 Mr 1906.
Descriptions of 5 new species in 4 genera.
- Christ, H.** Primitiae florum costaricensis. Filices IV. *Bull. Herb. Boissier* II. 6: 45-58. 4 Ja 1906; 159-172. 31 Ja 1906; 177-192. 28 F 1906; 279-288. *f.* 1-13. 31 Mr 1906.
Includes descriptions of 44 new species in 16 genera.
- Cratty, R. I.** Notes on the Iowa sedges I. *Iowa Nat.* 2: 4, 5. 31 My 1906.
- Davis, W. T.** Aberrant forms of *Rudbeckia hirta* L. *Proc. Staten Island Assoc.* 1: 35-37. 9 Jl 1906.
- Davis, W. T.** Botanical notes. *Proc. Staten Island Assoc.* 1: 27, 28. 9 Jl 1906.
- Dietel, P.** Beschreibungen einiger neuer Uredineen. *Ann. Myc.* 4: 303-308. 1 Au 1906.
Includes descriptions of 5 new American species, all in *Puccinia*.
- Dowell, P.** Botanical notes. *Proc. Staten Island Assoc.* 1: 37-43. 9 Jl 1906.
- Dowell, P.** Distribution of ferns on Staten Island. *Proc. Staten Island Assoc.* 1: 61-67. 9 Jl 1906.

- Eaton, A. A.** Pteridophytes observed during three excursions into southern Florida. Bull. Torrey Club **33**: 455-486. 5 O 1906.
Includes description of *Tectaria Amesiana* sp. nov.
- Elmer, A. D. E.** Philippine *Rubiaceae*. Leaf. Philipp. Bot. **1**: 1-41. 8 Ap 1906.
Includes descriptions of 45 new species in 20 genera.
- Evans, A. W.** *Hepaticae* of Vancouver Island. Postelsia **1906**: 213-233. 1906.
- Fairman, C. E.** *Pyrenomycetaceae* novae in leguminibus *Robiniae*. Ann. Myc. **4**: 326-328. f. 1-4. 1 Au 1906.
New species in *Leptosphaeria*, *Metasphaeria* (2), and *Pleospora*.
- Fitch, R.** The action of insoluble substances in modifying the effect of deleterious agents upon the fungi. Ann. Myc. **4**: 313-322. 1 Au 1906.
- Fitzpatrick, T. J.** The Iowa gentians. Iowa Nat. **2**: 11-19. 31 My 1906.
- Gager, C. S.** Tuber-formation in *Solanum tuberosum* in daylight. Torreyia **6**: 181-186. f. 1. 27 S 1906.
- Greene, E. L.** Certain rosaceous genera. Leaflets **1**: 237-244. 24 S 1906; 245. 17 O 1906.
Diagnoses of 7 new genera and several new species.
- Greene, E. L.** *Mitellastra* and *Rubacer*. Leaflets **1**: 229-236. 24 S 1906.
- Greene, E. L.** A new bland violet. Leaflets **1**: 247. 17 O 1906.
Viola minuscula sp. nov., from western New York.
- Greene, E. L.** An orchid note. Leaflets **1**: 237. 24 S 1906.
- Greene, E. L.** Some oriental *Rubus* allies. Leaflets **1**: 246. 17 O 1906.
Includes a new genus, *Calyctenium*.
- Griggs, R. F.** *Renfrewia parvula*, a new kelp from Vancouver Island. Postelsia **1906**: 245-274. pl. 16-19. 1906.
New genus and species.
- Harper, R. M.** A hitherto unnoticed relation between *Viola pedata* and *Iris verna*. Torreyia **6**: 192, 193. 27 S 1906.

- Hollick, A.** An addition to the flora of Block Island. *Torrey* 6: 190. 27 S 1906.
Botrychium obliquum.
- Hollick, A.** A fossil forest fire. *Proc. Staten Island Assoc.* 1: 21-23. 9 Jl 1906.
- Hone, D. S.** Some western *Helvellineae*. *Postelsia* 1906: 235-244. 1906.
- House, H. D.** Studies in the North American *Convolvulaceae*, II. The genus *Operculina*. *Bull. Torrey Club* 33: 495-503. 5 O 1906.
Includes descriptions of 2 new species.
- Huber, J.** Revue critique des espèces du genre *Sapium* Jacq. *Bull. Herb. Boissier* II. 6: 345-364. *f.* 1-24. 30 Ap 1906; 433-452. *f.* 25-50. 31 My 1906.
Includes descriptions of 16 new species.
- Huber, J.** La végétation de la vallée du Rio Purus (Amazone). *Bull. Herb. Boissier* II. 6: 249-276. *pl.* 8-13 + *f.* 1-6. 31 Mr 1906.
- Kauffman, C. H.** *Cortinarius* as a mycorrhiza-producing fungus. *Bot. Gaz.* 42: 208-214. *f.* 1. 2 O 1906.
- Knowlton, F. H.** Change of name. *Proc. Biol. Soc. Wash.* 19: 95. 4 Je 1906.
Quercus Hatcheri for *Q. montana* Knowlton, not Willd.
- MacDougal, D. T.** Heredity and the origin of species. *The Monist* 16: 32-64. Ja 1906.
- Mathewson, C. A.** The behavior of the pollen-tube in *Houstonia coerulea*. *Bull. Torrey Club* 33: 487-493. *f.* 1-3. 5 O 1906.
- Murrill, W. A.** A new chestnut disease. *Torrey* 6: 186-189. *f.* 2. 27 S 1906.
With a description of *Diaporthe parasitica* sp. nov.
- Peck, C. H.** Report of the State Botanist, 1905. *N. Y. State Mus. Bull.* 105: 1-106. *pl.* S, T, 94-103. Au 1906.
Includes descriptions of 17 new species of fungi in 16 genera; also a chapter on *Crataegus* found near Albany, by C. S. Sargent and C. H. Peck (here indexed separately).
- Rehm, H.** *Ascomycetes* novi. *Ann. Myc.* 4: 336-341. 1 Au 1906.
Includes 6 new North American species in as many genera.
- Rehm, H.** Zum Gedächtnis an J. B. Ellis. *Ann. Myc.* 4: 341-343. 1 Au 1906.

- Rick, J.** *Fungi austro-americani* fasc. III u. IV. Ann. Myc. 4: 309-312. 1 Au 1906.
Includes 6 new species in as many genera: only one with diagnosis.
- Robbins, W. W.** Tubular ray-flowers in *Gaillardia aristata*. Torreya 6: 190, 191. f. 1-3. 27 S 1906.
- Rose, J. N.** New names for two recently described genera of plants. Proc. Biol. Soc. Wash. 19: 96. 4 Je 1906.
Harperella, for *Harperia* Rose, not Fitzgerald; *Neodonnellia*, for *Donnellia* Clarke, not Austin.
- Rosendahl, C. O.** Observations on plant distribution in Renfrew district of Vancouver Island. Postelsia 1906: 1-132. pl. 1-11. 1906.
- Sargent, C. S. & Peck, C. H.** Species of *Crataegus* found within twenty miles of Albany. N. Y. State Mus. Bull. 105: 44-47. Au 1906.
Nineteen species are described as new.
- Seward, A. C. & Ford, S. O.** The *Araucarieae*, recent and extinct. Phil. Trans. Roy. Soc. Lond. B 98: 305-411. pl. 23, 24 + f. 1-28. 27 Je 1906.
- Shantz, H. L.** A study of the vegetation of the Mesa region east of Pike's Peak: the Bouteloua formation, II. Development of the formation. Bot. Gaz. 42: 179-207. f. 8-13. 2 O 1906.
- Slosson, M.** How ferns grow. i-vii. 1-156. pl. 1-45 + f. 1-9. New York, 1906.
- Smith, R. E. & E. H.** A new fungus of economic importance. Bot. Gaz. 42: 215-221. f. 1-3. 2 O 1906.
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- Sprague, T. A.** *Bignoniaceae* americanae novae. Bull. Herb. Boissier II. 6: 371-376. 30 Ap 1906.
Descriptions of 9 new species in 4 genera.
- Stephani, F.** Species *Hepaticarum*, vol. II. Index. Bull. Herb. Boissier II. 6: 59-77. 4 Ja 1906.
- Stephani, F.** Species *Hepaticarum*. Bull. Herb. Boissier II. 6: 217-232. 28 F 1906; 377-392. 30 Ap 1906; 535-550. 30 Je 1906.
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- Sydow, H. & P.** Novae *Fungorum* species. Ann. Myc. 4: 343-345. 1 Au 1906.
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Thom, C. Fungi in cheese ripening. Ann. Rep. Storrs Agr. Exp. Sta. **17**: 73-115. 1906.

Includes descriptions of *Penicillium Camemberti* sp. nov. and *P. Roquefortii* sp. nov.

Wieland, G. R. American fossil cycads. i-viii. 1-296. *pl.* 1-50 + *f.* 1-138. Au 1906.

Carnegie Inst. Wash. Publ. no. 34.

Wilson, G. W. Mycological notes from Indiana. *Torreyia* **6**: 191, 192. 27 S 1906.